

The 3-IN-1 sensor Tekneka WS200E wireless weather monitoring station includes temperature, humidity, and anemometer sensors. Up to 150 meters distant, it uses the radio frequency 868 MHz to transmit data to the console. In addition, the system does data analysis for your convenience and shows the Beaufort scale of wind velocity, an adjustment mode, and daily recordings. In addition, there are other helpful readings, including feels like, heat index, dew point, comfort level, and wind chill. For the intended usage, the device functions as a genuinely exceptional personal professional weather station thanks to its integrated radio-controlled and atomic clock functionality.

Features

- Easy to keep an eye on both indoor and outdoor weather conditions
- Wireless data transmission with an estimated operational range of 150 meters
- It has a weather index and hourly/daily/monthly/yearly wind records
- Rainfall rate measured on a daily, weekly, monthly, and total basis
- Hourly history records over the previous 24 hours are easily recalled.
- Indoor temperature and humidity are measured, and the comfort level and dew point are indicated.
- Displays the maximum and minimum values for all parameters along with the precise time and date.
- Hi/Lo alert with Flashing Amber LED indication (inside and outdoor temperature, wind speed, and rainfall)
- LCD back lights blinking automatically for any system alerts and alarms
- User can understand by indications of wireless signal strength, wind Beaufort scale, weather forecasting, temperature and humidity trend indicators and comfort zone indication
- Clock Mode operates at 868 MHz frequency for EU and UK regions (all other countries, user can manually set the clock mode)



Application

The WS200E is extensively utilized in various settings such as farms and agricultural teams, construction companies, heavy machineries, crane operators, meteorological agencies, educational institutions, manufacturing sector, environment organization, research institute, event organizing companies, museums & historical sites, and sports facilities.

Technical Specification

	Range	Resolution	Accuracy
Temperature (In/ Outdoor)	-40°C to 70°C	0.1°C	±0.5°C (5 to 40°C)
			±1°C (-20 to 5°C)
			±1.5°C (-40 to -20°C)
Humidity (In/ Outdoor)	1 to 99%RH	1%	±6.5% RH (1 to 20%RH)
			±3.5% RH (21 to 80%RH)
			±6.5% RH (81 to 90%RH)
Wind Speed	0 to 50m/s,	0.1m/s	±6%, (0 to 5m/s) ±0.5m/s
	0 to 112mph	0.1mph	±6%, (0 to 11.1) ±1.1mph
	0 to 180km/h	0.1km/h	±6%, (0 to 18) ±1.8km/h
	0 to 97knots	0.1knots	±6%, (0 to 9.7) ±0.9knots
Dew-point (calculated)	-40°C to 60°C		

General Specification

Support Sensor	Wireless 3-in-1 sensor (wind speed, temperature and humidity)
RF Frequency	868Mhz
RF Transmission Range	150m
Data Refresh	12 seconds
Atomic Clock Synchronization	Auto or Disable
RCC Time Signal	DCF or MSF (base on the country version)
Clock Display	HH:MM:SS/ Weekday
Hour Format	12/24 hr
Calender	DD/MM
Power Supply	5 x AA size 1.5V batteries
Dimensions (W x H x D)	Receiving console: 95 x 155 x 23mm (excluded table stand)/ Transmitter: 136 x 249 x 136mm
Weight	Receiver: 250g / Transmitter: 390g (with batteries)

Package Includes

- Mounting clamp
- 5 x 1.5V AA batteries
- User manual
- Bolt & nut kit

Ordering Info.

WS200E.....3-in-1 Weather Monitoring Station